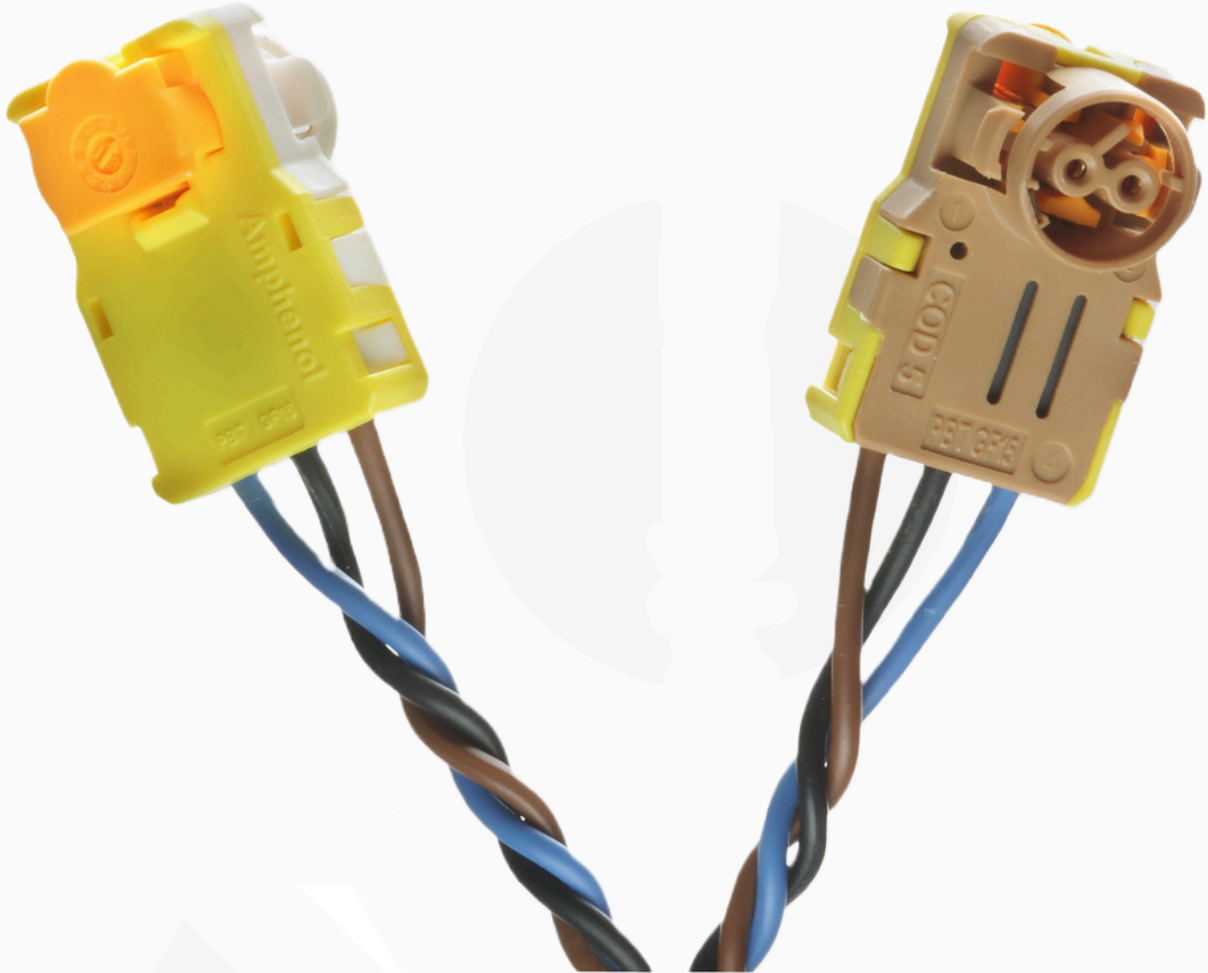


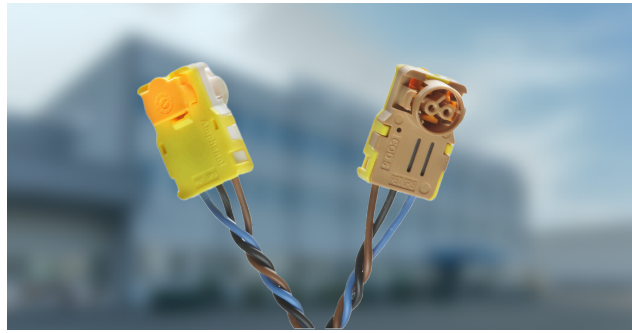
# Amphenol Automotive

Amphenol-Tuchel Electronics GmbH



AK2+<sup>®</sup> ferrite 90°

CA 288C XXXX XXXX



## PRODUCT CHARACTERISTICS

|                        |                                                                                                                                                                                               |
|------------------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| General features       | <ul style="list-style-type: none"> <li>- Pig tail supplied with different cable lengths</li> <li>- Single wire</li> <li>- Twisted wire</li> <li>- Jacketed cable</li> </ul>                   |
| Mating design          | <ul style="list-style-type: none"> <li>- Serviceable locking legs</li> <li>- Pre-positioned CPA</li> <li>- One step mating possible</li> <li>- 'scoop-proof', 'kojiri-safe' nozzle</li> </ul> |
| Terminal system        | <ul style="list-style-type: none"> <li>- O-type contact system</li> <li>- One piece terminal design</li> <li>- Selective gold plated</li> <li>- ESD (ground) contact</li> </ul>               |
| Termination technology | <ul style="list-style-type: none"> <li>- Wire termination welded</li> </ul>                                                                                                                   |

## DESIGN CHARACTERISTICS

|                    |              |
|--------------------|--------------|
| Housing material   | PBT          |
| Contact material   | CuSn         |
| RFI/EMI protection | Ferrite core |

## PERFORMANCE CHARACTERISTICS

|                       |                |
|-----------------------|----------------|
| Pull out force        | >135N          |
| Insertion force       | <80N           |
| Temperature range     | -40°C to +90°C |
| Dielectric resistance | 1000V / DC     |

## CONNECTOR

|                         |                                          |
|-------------------------|------------------------------------------|
| <b>Catalogue number</b> | CA 288C XXXX XXXX                        |
| Interface               | Ø 11mm                                   |
| Available codings       | IV (white), V (brown)                    |
| Wire size               | 0.35mm <sup>2</sup> / 0.5mm <sup>2</sup> |
| Suitable retainer       | C252 17B002 XXX 4 (AK2+®)                |